



**EI WISER<sub>3X</sub>**

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TRIAxIAL ACCELEROMETER

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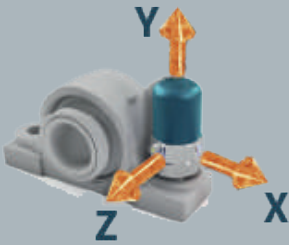


**WiSER 3X** is the only 3-axis Wireless Accelerometer in the industry capable of on and off-route vibration analysis and dynamic balancing. WiSER 3X is compatible with DigivibeMX Windows software, as well as WiSER Balance & WiSER Vibe iOS apps.

**WiSER 3X** connects directly to your device via WiFi giving you full freedom and mobility to collect vibration data for advanced analysis as well as single & two-plane balancing

**WiSER 3X** is adaptable to most 3rd party vibration and balancing data collectors via the WiSER Universal Receiver (WUR3x). Pair your WiSER 3X direct to WUR3x and get 4 Channel output through BNC industrial connectors.

# Main Characteristics



Triaxial **Wireless Accelerometer**  
 Direct **WIFI** connectivity with your device



**IP67** Protection



Direct **WIFI** connectivity with your device  
**Automatic** turn off (standby mode)



## iOS apps for iPad & iPhone

Anywhere, Anytime... Share Your Data

You have the freedom to manage your data. Feel free to share your measurements through the cloud [EIAntalytic.com](http://EIAntalytic.com) or by email, granting a deeper experience analysis with DigivibeMX.

**Get your free:**



**WiSER VIBE**



\*Average values with standard conditions

MEASUREMENT	
Built-in Sensor	Low noise MEMS sensor
Sensitivity (X, Y, Z)	100 mV/g
Frequency Range $\pm 3\sigma \pm 3dB$	0.5 Hz to 12 kHz
Dynamic Range	$\pm 20$ g
Resonant Frequency	$>25$ kHz
Sample Rate	48 kHz
ADC	24 bits
Spectral Noise (10 Hz)	$67 \mu\text{g}/\sqrt{\text{Hz}}$
CONNECTIVITY AND SOFTWARE	
Wireless Protocol	Wi-Fi 802.11 (No receptor needed)
Devices Compatibility	iOS, Android and Windows 10 devices, WUR3X
Software Compatibility	DigivibeMX®, WISER™VIBE PRO
Operation Distance	15 m line sight
POWER SUPPLY	
Main Power	2 rechargeable Li-ion batteries CR123 3.7 V
Battery Life Time	6 h continuous usage Standby mode after 7 minutes no connection detected
AC Adapter	Input 100 to 240 V CA, 50/60 Hz Output 5 V CD, 2A
Connect built-in	5 pin LEMO connector Charger port, optical sensor, reference accelerometer
DIAMENSIONS AND FIXTURE	
Dimensions (d x h)	99 x 49 mm with mag. base / 73 x 49 mm without mag. base
Resistance to Shocks	5,000 g
Weight	407 grams mag. base / 202 grams without mag. base
Case	Dust and water resistant IP67
Housing Material	ABS, stainless steel
Fixture	Fastener 1/4-28 UNF
ENVIRONMENTAL CONDITIONS	
Operation Temperature	-20 to 60 °C (-4 to 140 °F)
Storage Temperature	-20 to 85 °C (-4 to 185 °F)

**WiSER 3X****Wireless Universal Receiver****Data Collector**

**WiSER 3X** can easily and reliably connect to most 3rd party vibration and balancing instruments using the optional WiSER Universal Receiver.

Use WiSER 3x on your own system...  
Wireless Accelerometer Universal Receiver is specially designed to connect to any vibration analysis equipment in the market to our Wireless Accelerometer. Therefore, This is the # 1 choice for wireless conversion of your system.

No Wires...  
**No Worries...**  
Truly Wireless  
**is here!**



## **KIT INCLUDES**

- WiSER 3X Sensor
- Magnetic Base
- Pelican Case
- Charger (Batteries included)

# **ERBESSD INSTRUMENTS®**

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